

FILE LAST UPDATED: 13 JUL 2006 (20060713/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 is now (26 Feb.) available. For details on the 2006 reload, enter HELP RLOAD at an arrow prompt (=>).

See also:

<http://www.nlm.nih.gov/mesh/>
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html
http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html
http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> cannabinoid (p) receptor# (p) human#
CANNABINOID IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> s cannabinoid# (p) receptor# (p) human#
      6069 CANNABINOID#
      754633 RECEPTOR#
      9491560 HUMAN#
L1      577 CANNABINOID# (P) RECEPTOR# (P) HUMAN#
```

```
=> s ll(p) #dna
'#DNA' NOT LONG ENOUGH FOR LEFT TRUNCATION
You have entered a truncated stem whose length is less than
the minimum allowed for left truncation in the requested
search field. You may increase the length of the stem to
the minimum allowed and try again. Enter HELP SFIELDS to
to find the minimum stem length for left truncation in
the requested search field.
```

```
=> s dna or cdna
      861356 DNA
      102905 CDNA
L2      895512 DNA OR CDNA
```

```
=> s ll(p) l2
L3      39 L1(P) L2
```

```
=> d 1-39 ti so
```

```
L3  ANSWER 1 OF 39      MEDLINE on STN
TI  A cannabinoid quinone inhibits angiogenesis by targeting vascular
    endothelial cells.
SO  Molecular pharmacology, (2006 Jul) Vol. 70, No. 1, pp. 51-9. Electronic
    Publication: 2006-03-29.
    Journal code: 0035623. ISSN: 0026-895X.

L3  ANSWER 2 OF 39      MEDLINE on STN
TI  Cannabinoid derivatives induce cell death in pancreatic MIA PaCa-2 cells
    via a receptor-independent mechanism.
SO  FEBS letters, (2006 Mar 20) Vol. 580, No. 7, pp. 1733-9. Electronic
    Publication: 2006-02-20.
```

Journal code: 0155157. ISSN: 0014-5793.

- L3 ANSWER 3 OF 39 MEDLINE on STN
TI Reduced endocannabinoid immune modulation by a common cannabinoid 2 (CB2) receptor gene polymorphism: possible risk for autoimmune disorders.
SO Journal of leukocyte biology, (2005 Jul) Vol. 78, No. 1, pp. 231-8.
Electronic Publication: 2005-04-21.
Journal code: 8405628. ISSN: 0741-5400.
- L3 ANSWER 4 OF 39 MEDLINE on STN
TI Endocannabinoid-related enzymes as drug targets with special reference to N-acylphosphatidylethanolamine-hydrolyzing phospholipase D.
SO Current medicinal chemistry, (2005) Vol. 12, No. 12, pp. 1413-22. Ref: 94
Journal code: 9440157. ISSN: 0929-8673.
- L3 ANSWER 5 OF 39 MEDLINE on STN
TI Cannabinoid receptor I activation markedly inhibits human decidualization.
SO Molecular and cellular endocrinology, (2005 Jan 14) Vol. 229, No. 1-2, pp. 65-74.
Journal code: 7500844. ISSN: 0303-7207.
- L3 ANSWER 6 OF 39 MEDLINE on STN
TI Up-regulation of cyclooxygenase-2 expression is involved in R(+)-methanandamide-induced apoptotic death of human neuroglioma cells.
SO Molecular pharmacology, (2004 Dec) Vol. 66, No. 6, pp. 1643-51.
Electronic Publication: 2004-09-10.
Journal code: 0035623. ISSN: 0026-895X.
- L3 ANSWER 7 OF 39 MEDLINE on STN
TI Arachidonyl ethanolamide induces apoptosis of uterine cervix cancer cells via aberrantly expressed vanilloid receptor-1.
SO Gynecologic oncology, (2004 Apr) Vol. 93, No. 1, pp. 182-8.
Journal code: 0365304. ISSN: 0090-8258.
- L3 ANSWER 8 OF 39 MEDLINE on STN
TI Antitumor effects of cannabidiol, a nonpsychoactive cannabinoid, on human glioma cell lines.
SO The Journal of pharmacology and experimental therapeutics, (2004 Mar) Vol. 308, No. 3, pp. 838-45. Electronic Publication: 2003-11-14.
Journal code: 0376362. ISSN: 0022-3565.
- L3 ANSWER 9 OF 39 MEDLINE on STN
TI Endocannabinoids modulate N-type calcium channels and G-protein-coupled inwardly rectifying potassium channels via CB1 cannabinoid receptors heterologously expressed in mammalian neurons.
SO Molecular pharmacology, (2004 Mar) Vol. 65, No. 3, pp. 665-74.
Journal code: 0035623. ISSN: 0026-895X.
- L3 ANSWER 10 OF 39 MEDLINE on STN
TI Effects of cannabinoids on endogenous K⁺ and Ca²⁺ currents in HEK293 cells.
SO Canadian journal of physiology and pharmacology, (2003 May) Vol. 81, No. 5, pp. 436-42.
Journal code: 0372712. ISSN: 0008-4212.
- L3 ANSWER 11 OF 39 MEDLINE on STN
TI The invertebrate ancestry of endocannabinoid signalling: an orthologue of vertebrate cannabinoid receptors in the urochordate *Ciona intestinalis*.
SO Gene, (2003 Jan 2) Vol. 302, No. 1-2, pp. 95-101.
Journal code: 7706761. ISSN: 0378-1119.
- L3 ANSWER 12 OF 39 MEDLINE on STN
TI Endocannabinoid hydrolases.
SO Prostaglandins & other lipid mediators, (2002 Aug) Vol. 68-69, pp. 521-34.

Ref: 94

Journal code: 9808648. ISSN: 1098-8823.

- L3 ANSWER 13 OF 39 MEDLINE on STN
TI Direct inhibition by cannabinoids of human 5-HT3A receptors: probable involvement of an allosteric modulatory site.
SO British journal of pharmacology, (2002 Nov) Vol. 137, No. 5, pp. 589-96.
Journal code: 7502536. ISSN: 0007-1188.
- L3 ANSWER 14 OF 39 MEDLINE on STN
TI Cloning and molecular characterization of the rat CB2 cannabinoid receptor.
SO Biochimica et biophysica acta, (2002 Jul 19) Vol. 1576, No. 3, pp. 255-64.
Journal code: 0217513. ISSN: 0006-3002.
- L3 ANSWER 15 OF 39 MEDLINE on STN
TI Endocannabinoids and cannabinoid receptor genetics.
SO Progress in neurobiology, (2002 Apr) Vol. 66, No. 5, pp. 307-44. Ref: 229
Journal code: 0370121. ISSN: 0301-0082.
- L3 ANSWER 16 OF 39 MEDLINE on STN
TI Zebra finch CB1 cannabinoid receptor: pharmacology and in vivo and in vitro effects of activation.
SO The Journal of pharmacology and experimental therapeutics, (2001 Apr) Vol. 297, No. 1, pp. 189-97.
Journal code: 0376362. ISSN: 0022-3565.
- L3 ANSWER 17 OF 39 MEDLINE on STN
TI The CB1 cannabinoid receptor is coupled to the activation of protein kinase B/Akt.
SO The Biochemical journal, (2000 Apr 15) Vol. 347, No. Pt 2, pp. 369-73.
Journal code: 2984726R. ISSN: 0264-6021.
- L3 ANSWER 18 OF 39 MEDLINE on STN
TI The fatty acid amide hydrolase (FAAH).
SO Chemistry and physics of lipids, (2000 Nov) Vol. 108, No. 1-2, pp. 107-21.
Ref: 75
Journal code: 0067206. ISSN: 0009-3084.
- L3 ANSWER 19 OF 39 MEDLINE on STN
TI Anandamide induces apoptosis in human cells via vanilloid receptors. Evidence for a protective role of cannabinoid receptors.
SO The Journal of biological chemistry, (2000 Oct 13) Vol. 275, No. 41, pp. 31938-45.
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 20 OF 39 MEDLINE on STN
TI Expression of cannabinoid receptors and their gene transcripts in human blood cells.
SO Progress in neuro-psychopharmacology & biological psychiatry, (1999 Aug) Vol. 23, No. 6, pp. 1063-77.
Journal code: 8211617. ISSN: 0278-5846.
- L3 ANSWER 21 OF 39 MEDLINE on STN
TI Delta9-tetrahydrocannabinol induces apoptosis in human prostate PC-3 cells via a receptor-independent mechanism.
SO FEBS letters, (1999 Sep 24) Vol. 458, No. 3, pp. 400-4.
Journal code: 0155157. ISSN: 0014-5793.
- L3 ANSWER 22 OF 39 MEDLINE on STN
TI The CB1 cannabinoid receptor can sequester G-proteins, making them unavailable to couple to other receptors.
SO The Journal of neuroscience : the official journal of the Society for Neuroscience, (1999 Nov 1) Vol. 19, No. 21, pp. 9271-80.

Journal code: 8102140. E-ISSN: 1529-2401.

- L3 ANSWER 23 OF 39 MEDLINE on STN
TI Anandamide amidohydrolase of porcine brain: cDNA cloning, functional expression and site-directed mutagenesis(1).
SO Biochimica et biophysica acta, (1999 Oct 18) Vol. 1441, No. 1, pp: 77-84. Journal code: 0217513. ISSN: 0006-3002.
- L3 ANSWER 24 OF 39 MEDLINE on STN
TI A frequent polymorphism in the coding exon of the human cannabinoid receptor (CNR1) gene.
SO Molecular and cellular probes, (1999 Aug) Vol. 13, No. 4, pp. 321-3. Journal code: 8709751. ISSN: 0890-8508.
- L3 ANSWER 25 OF 39 MEDLINE on STN
TI The effects of cannabinoids on the brain.
SO Progress in neurobiology, (1999 Jul) Vol. 58, No. 4, pp. 315-48. Ref: 223 Journal code: 0370121. ISSN: 0301-0082.
- L3 ANSWER 26 OF 39 MEDLINE on STN
TI Cannabinoid CB1 receptor of cat cerebral arterial muscle functions to inhibit L-type Ca²⁺ channel current.
SO The American journal of physiology, (1999 Jun) Vol. 276, No. 6 Pt 2, pp. H2085-93. Journal code: 0370511. ISSN: 0002-9513.
- L3 ANSWER 27 OF 39 MEDLINE on STN
TI High-level expression of the human CB2 cannabinoid receptor using a baculovirus system.
SO Biochemical pharmacology, (1998 Jun 1) Vol. 55, No. 11, pp. 1893-905. Journal code: 0101032. ISSN: 0006-2952.
- L3 ANSWER 28 OF 39 MEDLINE on STN
TI Identification and characterization of the leech CNS cannabinoid receptor: coupling to nitric oxide release.
SO Brain research, (1997 Apr 11) Vol. 753, No. 2, pp. 219-24. Journal code: 0045503. ISSN: 0006-8993.
- L3 ANSWER 29 OF 39 MEDLINE on STN
TI Molecular cloning of the novel human G protein-coupled receptor (GPCR) gene mapped on chromosome 9.
SO Biochemical and biophysical research communications, (1996 Oct 14) Vol. 227, No. 2, pp. 608-14. Journal code: 0372516. ISSN: 0006-291X.
- L3 ANSWER 30 OF 39 MEDLINE on STN
TI Cannabinoid receptor genes.
SO Progress in neurobiology, (1996 Mar-Apr) Vol. 48, No. 4-5, pp. 275-305. Ref: 117 Journal code: 0370121. ISSN: 0301-0082.
- L3 ANSWER 31 OF 39 MEDLINE on STN
TI Molecular cloning, expression and function of the murine CB2 peripheral cannabinoid receptor.
SO Biochimica et biophysica acta, (1996 Jun 7) Vol. 1307, No. 2, pp. 132-6. Journal code: 0217513. ISSN: 0006-3002.
- L3 ANSWER 32 OF 39 MEDLINE on STN
TI Cloning and sequencing of a cDNA encoding the mouse brain-type cannabinoid receptor protein.
SO DNA sequence : the journal of DNA sequencing and mapping, (1995) Vol. 5, No. 6, pp. 385-8. Journal code: 9107800. ISSN: 1042-5179.

L3 ANSWER 33 OF 39 MEDLINE on STN
 TI Stimulation of cannabinoid receptor CB1 induces krox-24 expression in human astrocytoma cells.
 SO The Journal of biological chemistry, (1995 Jun 9) Vol. 270, No. 23, pp. 13973-80.
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 34 OF 39 MEDLINE on STN
 TI An amino-terminal variant of the central cannabinoid receptor resulting from alternative splicing.
 SO The Journal of biological chemistry, (1995 Feb 24) Vol. 270, No. 8, pp. 3726-31.
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 35 OF 39 MEDLINE on STN
 TI Cannabinoid agonists stimulate both receptor- and non-receptor-mediated signal transduction pathways in cells transfected with and expressing cannabinoid receptor clones.
 SO Molecular pharmacology, (1992 Nov) Vol. 42, No. 5, pp. 838-45.
 Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 36 OF 39 MEDLINE on STN
 TI Genetic and physical mapping of the human cannabinoid receptor gene to chromosome 6q14-q15.
 SO The New biologist, (1991 Sep) Vol. 3, No. 9, pp. 880-5.
 Journal code: 9000976. ISSN: 1043-4674.

L3 ANSWER 37 OF 39 MEDLINE on STN
 TI Molecular cloning of a human cannabinoid receptor which is also expressed in testis.
 SO The Biochemical journal, (1991 Oct 1) Vol. 279 (Pt 1), pp. 129-34.
 Journal code: 2984726R. ISSN: 0264-6021.

L3 ANSWER 38 OF 39 MEDLINE on STN
 TI HindIII identifies a two allele DNA polymorphism of the human cannabinoid receptor gene (CNR).
 SO Nucleic acids research, (1991 Sep 11) Vol. 19, No. 17, pp. 4798.
 Journal code: 0411011. ISSN: 0305-1048.

L3 ANSWER 39 OF 39 MEDLINE on STN
 TI Nucleotide sequence of a human cannabinoid receptor cDNA.
 SO Nucleic acids research, (1990 Dec 11) Vol. 18, No. 23, pp. 7142.
 Journal code: 0411011. ISSN: 0305-1048.